

ClaimsWhat is claimed is:

- 1 1. In a computer controlled user interactive display  
2 system, a display interface implementation for directing  
3 a user's attention to specific selectable items on a  
4 display screen with crowded selectable items comprising;  
5 user controlled means for moving an on-screen  
6 pointer to approach said selectable items; and  
7 means for highlighting all items in any set of a  
8 plurality of said items wherein each item in the set is  
9 within a predetermined distance of said approaching  
10 pointer.
- 1 2. The computer controlled user interactive display  
2 system of claim 1 wherein said selectable items are  
3 icons.
- 1 3. The computer controlled user interactive display  
2 system of claim 2 further including means for ending said  
3 highlighting of each of said highlighted icons when the  
4 pointer moves outside of said predetermined distance  
5 for said icon.
- 1 4. The computer controlled user interactive display  
2 system of claim 2 further including means for ending said  
3 highlighting of each of said highlighted icons after a  
4 predetermined period of time.
- 1 5. The computer controlled user interactive display  
2 system of claim 2 wherein said means for highlighting  
3 sequentially highlight each icon in said set.



1 8. A method for directing a user's attention to specific  
2 selectable items on a display screen with crowded  
3 selectable items in computer controlled user interactive  
4 display systems comprising:

5 moving an on-screen pointer to approach said  
6 selectable items; and

7       highlighting all items in any set of a plurality of  
8       said items wherein each item in the set is within a  
9       predetermined distance of said approaching pointer.

1 9. The method of claim 8 wherein said selectable items  
2 are icons.

1 10. The method of claim 9 further including the step of  
2 ending said highlighting of each of said highlighted  
3 icons when the pointer is moved outside of said  
4 predetermined distance for said icon.

1 11. The method of claim 9 further including the step of  
2 ending said highlighting of each of said highlighted  
3 icons after a predetermined period of time.

1 12. The method of claim 9 wherein said step of  
2 highlighting sequentially highlights each item in said  
3 set.

1 13. The method of claim 9 wherein said step of  
2 sequentially highlighting said set of icons highlight  
3 each icon in the set for a defined period of time; and  
4 further including the step of enabling the user  
5 selection of each sequentially highlighted item during  
6 said period of time.

- | 1. General Information   |   |
|--------------------------|---|
| Name                     | John Doe  |
| Age                      | 35  |
| Gender                   | Male  |
| Occupation               | Software Engineer   |
| Address                  | 123 Main St, New York, NY 10001   |
| Phone                    | (212) 555-1234  |
| Email                    | john.doe@example.com  |
| 2. Medical History       |   |
| Current Conditions       | Hypertension, Type 2 Diabetes   |
| Previous Conditions      | Asthma, Depression  |
| Surgeries                | Appendectomy (2010), Knee Replacement (2015)                            |
| Medications              | Lisinopril, Metformin, Insulin, Sertraline                              |
| Allergies                | Penicillin, Shellfish   |
| 3. Family History        |   |
| Parents                  | Father: Heart Disease, Mother: Diabetes                                 |
| Siblings                 | Brother: Hypertension, Sister: None                                     |
| Spouse                   | Married, 10 years   |
| Children                 | 2 children, ages 8 and 12   |
| 4. Social History        |   |
| Tobacco Use              | Former smoker, quit 5 years ago   |
| Alcohol Use              | Occasional wine consumption   |
| Exercise                 | Regular walking, 3 times per week                                       |
| Stress Level             | High due to work pressure   |
| Support System           | Family and friends provide support                                      |
| 5. Current Health Status |   |
| Weight                   | 180 lbs   |
| Height                   | 5'10"   |
| Blood Pressure           | 130/85 mmHg   |
| Blood Sugar              | 100 mg/dL (Fasting)   |
| Cholesterol              | 200 mg/dL (Total)   |
| Heart Rate               | 70 bpm  |
| Respiratory              | No wheezing or cough  |
| Neurological             | No dizziness or numbness  |
| Psychological            | Mild anxiety, managed with medication                                   |
| 6. Patient Goals         |   |
| Weight Management        | Goal: Lose 10 lbs   |
| Blood Pressure Control   | Goal: Below 120/80 mmHg   |
| Blood Sugar Control      | Goal: Below 100 mg/dL   |
| Cholesterol Management   | Goal: Below 180 mg/dL   |
| Stress Management        | Goal: Reduce stress levels  |
| 7. Doctor's Notes        |   |
| Assessment               | Stable chronic conditions, good adherence to treatment                  |
| Recommendations          | Continue current medications, increase exercise, monitor blood pressure |
| Follow-up                | Next appointment in 6 months  |

- 1 15. A computer program having program code included on a  
2 computer readable medium for directing a user's attention  
3 to specific selectable items on a display screen with  
4 crowded selectable items in computer controlled user  
5 interactive display systems comprising:  
6 user controlled means for moving an on-screen  
7 pointer to approach said selectable items; and  
8 means for highlighting all items in any set of a  
9 plurality of said items wherein each item in the set is  
10 within a predetermined distance of said approaching  
11 pointer.
- 1 16. The computer program of claim 15 wherein said  
2 selectable items are icons.
- 1 17. The computer program of claim 16 further including  
2 means for ending said highlighting of each of said  
3 highlighted icons when the pointer moves outside of said  
4 predetermined distance for said icon.
- 1 18. The computer program of claim 16 further including  
2 means for ending said highlighting of each of said  
3 highlighted icons after a predetermined period of time.
- 1 19. The computer program of claim 16 wherein said means  
2 for highlighting sequentially highlights each icon in  
3 said set.

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1 20. The computer program of claim 16 wherein said means  
2 for sequentially highlighting said set of icons highlight  
3 each icon in the set for a defined period of time; and  
4 further including means enabling the user selection  
5 of each sequentially highlighted item during said period  
6 of time.

1 21. The computer program of claim 20 wherein the icons  
2 in said set overlap each other.

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1 22. In a computer controlled user interactive display  
2 system, a display interface implementation for directing  
3 a user's attention to specific selectable items on a  
4 display screen with crowded selectable items comprising;  
5 user controlled means for moving an on-screen  
6 pointer to approach a cluster of said selectable items;  
7 and  
8 means for sequentially highlighting each item in  
9 said cluster when said approaching pointer is within a  
10 predetermined distance from said cluster.

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- 1 25. A method for directing a user's attention to  
2 specific selectable items on a display screen with  
3 crowded selectable items in computer controlled user  
4 interactive display systems comprising:  
5 moving an on-screen pointer to approach a cluster of  
6 said selectable items; and  
7 sequentially highlighting each item in said cluster  
8 when said approaching pointer is within a predetermined  
9 distance from said cluster.

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- 1 26. A method for directing a user's attention to  
2 specific selectable items on a display screen with  
3 crowded selectable items in computer controlled user  
4 interactive display systems comprising:  
5 moving an on-screen pointer to approach a cluster of  
6 said selectable items;  
7 determining whether the items in said cluster have  
8 sufficient separation for said pointer to select separate  
9 items in said cluster; and  
10 sequentially highlighting each item in said cluster  
11 responsive to a determination that there is insufficient  
12 separation.
- 1 27. The method of claim 26 wherein each item is  
2 activated for selection when highlighted.

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1 28. A computer program having program code included on a  
2 computer readable medium for directing a user's attention  
3 to specific selectable items on a display screen with  
4 crowded selectable items in computer controlled user  
5 interactive display systems comprising:  
6 user controlled means for moving an on-screen  
7 pointer to approach a cluster of said selectable items;  
8 and  
9 means for sequentially highlighting each item in  
10 said cluster when said approaching pointer is within a  
11 predetermined distance from said cluster.

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1 29. A computer program having program code included on a  
2 computer readable medium for directing a user's attention  
3 to specific selectable items on a display screen with  
4 crowded selectable items in computer controlled user  
5 interactive display systems comprising:

6 user controlled means for moving an on-screen  
7 pointer to approach a cluster of said selectable items;

8 means for determining whether the items in said  
9 cluster have sufficient separation for said pointer to  
10 select separate items in said cluster; and

11 means responsive to said determining means for  
12 sequentially highlighting each item in said cluster when  
13 there is insufficient separation.

1 30. The computer program of claim 29 wherein each item  
2 is activated for selection when highlighted.

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